



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION AUGUSTA, MAINE 04333-0017

DEPARTMENT ORDER

**Aroostook Waste Solutions
Aroostook County
Presque Isle, Maine
A-997-71-D-M**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #1**

FINDINGS OF FACT

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. REGISTRATION

A. Introduction

Air Emission License A-997-71-B-R was issued to the City of Presque Isle on November 6, 2013, for the operation of emission sources associated with their solid waste landfill. The license was subsequently transferred to Aroostook Waste Solutions (AWS) on December 21, 2018 (A-997-71-C-T).

AWS has requested a minor revision to their license in order to reduce the frequency of landfill gas (LFG) testing for total reduced sulfur (TRS).

The equipment addressed in this license amendment is located at 202 Lathrop Road, Presque Isle, Maine.

B. Revision Description

TRS in the LFG converts to sulfur dioxide (SO₂) when combusted in the facility's flare. AWS currently performs testing of the LFG for TRS twice per year to demonstrate compliance with the facility's SO₂ emission limit of 7.9 tpy. AWS has requested that sampling frequency be reduced to annually. Testing over the past five years has consistently resulted in TRS concentrations less than 20 ppmv equating to less than 0.1 tpy of SO₂. Therefore, the Department agrees that a reduced sampling frequency of annually is appropriate.

C. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the date this license was issued.

This amendment will not increase licensed emissions of any pollutant. Therefore, this amendment is determined to be a minor revision and has been processed as such through *Major and Minor Source Air Emission License Regulations*, 06-096 Code of Maine Rules (C.M.R.) ch. 115.

D. Facility Classification

The facility is licensed as follows:

- As a natural minor source of air emissions, because no license restrictions are necessary to keep facility emissions below major source thresholds for criteria pollutants; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

E. Annual Emissions

This minor revision will not result in any change in licensed annual emissions.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Amendment A-997-71-D-M subject to the conditions found in Air Emission License A-997-71-B-R and the following conditions.

Severability. The invalidity or unenforceability of any provision of this License Amendment or part thereof shall not affect the remainder of the provision or any other provisions. This License Amendment shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

SPECIFIC CONDITIONS

The following shall replace Condition (16)(C) of Air Emission License A-997-71-B-R:

(16) Solid Waste Landfill and Flare

C. AWS shall sample the landfill gas and test for TRS on an annual basis, i.e., by December 31st of each calendar year. The resulting values shall be used to determine compliance with the air emission license limit for SO₂. Records of the test results and SO₂ calculations shall be kept by AWS and provided to the Department upon request.
[06-096 C.M.R. ch. 115, BPT]

The following shall replace Condition (18) of Air Emission License A-997-71-B-R:
(Based on updates to *Visible Emissions Regulation*, 06-096 C.M.R. ch. 101.)

(18) Fugitive Emissions

Visible emissions from a fugitive emission source (including stockpiles and roadways) shall not exceed 20% opacity on a five-minute block average basis.
[06-096 C.M.R. ch. 101, § 3(C)]

DONE AND DATED IN AUGUSTA, MAINE THIS 6th DAY OF January, 2020.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: 

GERALD D. REID, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-997-71-B-R.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 11/12/19

Date of application acceptance: 12/2/19

Date filed with the Board of Environmental Protection:

This Order prepared by Lynn Muzzey, Bureau of Air Quality.

